

SCRES, T. S., Cand Med Sci -- (diss) "Clinical significance of change in the protein complex and precipitation tests of blood serum in liver disorders." Moscow, 1960. 16 pp; (Ministry of Public Health USSR, Central Inst for Advanced Training of Physicians); 200 copies; price not given; (KL, 17-60, 172)

RAYEVSKAYA, G.A., prof.; SORES, T.S.

Aldolase of the blood in patients with myocardial infarct.
Sov.med. 24 no.12:29-32 D '60. (MIRA 14:3)

1. Iz kafedry gospital'noy terapii (zav. - prof. P.Ye. Lukomskiy)
lechebnogo fakul'teta II Moskovskogo meditsinskogo instituta imeni
N.I.Pirogova.

(HEART—INFARCTION)

(ALDOLASE)

SORES, T.S.

Hemorrhagic diathesis caused by a deficit of factor VII. Terap.
arkh. 35 no.9:114-116 S'63 (MIRA 17:4)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. prof.
A.M. Danir) pediatricheskogo fakul'teta II Moskovskogo medi-
tsinskogo instituta i 4-y Moskovskoy gorodskoy klinicheskoy
bol'nitsy (glavnyy vrach V.V. Barlyayeva).

LUPASCO, Gh.; SORESCO, Angela; PANAITESCO, D.; CIPLEA, Al. Gh.

Experimental research on the virulence and pathogenicity of indigenous *E. dysenteriae* strains. Arch. roum. path. exp. microbiol. 22 no.4:1003-1012 S-D'63

1. Travail de l'Institut "Dr. I. Cantacuzino". Service d'Helminthologie et Laboratoire d'Anatomie Pathologique.

RUPKOCO, Gh.; BORGESIO, Angela; IANALTESCO, D.; RASIG, Alice; SMOGON, Tania

Research on the role of underground irrigation in the prevention of pollution of the soil of the irrigated crops with geckelminth eggs. Arch. Roum. path. exp. microbiol. 23 no.4:889-898 D 164.

1. Travail de l'Institut "Dr. I. Cantacuzino", Section d'Helminthologie. Submitted May 6, 1964.

LUPASCU, Gh., prof.; SORESCU, Angela, dr.; PANAITESCU, D., dr.;
CIPLEA, Al.Gh., dr.

Experimental research on the virulence and pathogenicity of
indigenous strains of *Entamoeba dysenteriae*. Microbiologia 8
no.2:169-180 Mr-Ap '63.

1. Membru corespondent al Acad. R.P.R. (for Lupascu).
 2. Laboratorul de helmintologie din Institutul "Dr. I. Cantacuzino" (for Sorescu, Panaitescu).
 3. Laboratorul de anatomie patologica din Institutul "Dr. I. Cantacuzino" (for Ciplea).
- (AMEBIASIS) (ENTAMOEBIA)
(LIVER ABSCESS, AMEBIC)

SORESCO, Maria; NICOLAU, Gh.; TURCANU, Al.G.

Value of the VDRL microreaction as compared to the Kahn micro-
reaction in the serodiagnosis of syphilis. Arch. roum. path. exp.
microbiol. 23 no.3:833-838 S'63

1. Travail de l'Institut "Dr.I. Cantacuzino"; Laboratoire d'Anti-
genes, Bucarest.

SOPENCO, Maria; NICOLAU, G.; KATONA, Elena

Value of the microreaction induced with cardiolipin antigen -- VDRL-- as compared with the Melnick microreaction (MR-II) in cerebrospinal fluid. Arch. Roum. path. exp. microbiol. 23 no.4: #25-850 B '64.

1. Travail de l'Institut "Dr. I. Cantacuzino", Laboratoire d'Antigènes-Syphilis. Submitted April 18, 1964.

SORESCU, A.; PANAITESCU, D.; SOLOMON, P.; HACIG, A.; BELLU, C.

Helminthological studies in the Ostrov quarter of Bucharest.
Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:605-619 July-
Dec. 1955.

(HELMINTH INFECTIONS, epidemiol.
in Rumania, distribution in Ostrov quarter of Bucharest)

NITULESCU, V.; POZSGI, N.; SORSCU, A.; PANAITESCU, D.; HACIO, A.;
SOJOWON, P.

Problems connected with helminthological research in mining
regions. Stud. cercet. inframicrobiol., Bucur. 7 no.1-2:
193-202 Jan-June 56.

(HELMINTH INFECTIONS, epidemiol.
in mining regions of Rumania)

(MINING
helminth infect. in miners of Rumania, epidemiol.)

SECRET
NITZULESCY, V.; SORESCU, A.; PANAITESCU, D.

Study of conditions necessary for the development of Ascaris and Trichocephalus eggs. Stud. cercet. inframicrobiol., Bucur. 7 no. 3-4:553-561 July-Dec 56.

1. Comunicare prezentata de Gh. Lupascu, membru corespondent al Academiei R.P.R., in Sesiunea generala stiintifica a Academiei R.P.R.

(ASCARIS

eggs, cond. necessary for develop.)

(TRICHINELLOIDEA

Trichocephalus eggs, cond. necessary for develop.)

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Microbiologie, Parazitologie, Epidemiologie, Vol VI, No 5, Sep-Oct 1961, pp 439-454.

Data: "The Spread of Geohelminthiasis Through the Intermediary of Irrigated Plantations."

Authors:

IUPASCU, G., -Prof.- Department of Parazitology of F.P.S.M.F.] (Catedra de Parazitologie F.P.S.M.F.).

SOARESCU, Angela, -Dr.- Department of Parazitology of F.P.S. M.F.

PANAITESCU, D., -Dr.-, Department of Parazitology of F.P.S.M.F.

ANGELESCU, C., -Dr.-, Central "Sanepid" of the Capital (Sanepidul Central al Capitalei).

HACIG, Alice, Helminthology Section of the "Dr. I. Cantacuzino" Institute (Sectia de Helminthologie a Institutului "Dr. I. Cantacuzino").

SOLOMON, Paula, Helminthology Section of the "Dr. I. Cantacuzino" Institute.

SORESCO, Angela; PANAITESCO, D.; CIUREA, C.; IANCO, Larissa

A study of embryogenesis of the eggs of *Ascaris lumbricoides* in different conditions of oxygenation of the culture medium. Arch. Roum. path. exp. microbiol. 20 no.1:129-136 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Section d'Helminthologie sous la direction du Prof. Dr. Gh. Lupasco.

(ASCARIS culture) (OXYGEN metabolism)

LUPASCU, Gh., prof.; SORESCU, Angela, dr.; PANAITESCU, D., dr.

Variations of peripheral eosinophilia before and after Casoni's intradermoreaction in the diagnosis of human hydatidosis. Med. intern. 15 no.6:667-671 Je '63.

1. Lucrare efectuata in Institutul "Dr. I. Cantacuzino"
(Sectia de helmintologie), Bucuresti.
(ECHINOCOCCOSIS) (DIAGNOSIS) (SKIN TESTS)
(EOSINOPHILIA)

1948-50, Ga., prof.; 1950-55, Anon., un.; 1955-58, D., Dr.

The role of the principal factors of environment in the epidemiology of some helminth infections. (Ascariasis and trichocephaliasis). Microbiologia (Bucur.) 9 no.3:183-187. 1954. 14

1. Membru corespondent al Academiei Romane de Stiinte si Literaturi (for Iapaseu). Membru onorific in Institutul de Cercetari si Institutul de Microbiologie, parazitologie, epidemiologie si infectiologie, Bucuresti.

LUPASCU, Gh., prof.; SORESCU, Angela, dr.; PANAITESCU, D., dr.; HACIG, Alice,
biolog; SOLIMON, Teodor, biolog.

Investigations of the role of underground irrigation in the pre-
vention of the pollution, with geohelminth eggs, of the soil
of the irrigated cultivated land. Microbiologia (Bucur.) 9 no.3:
199-205 My-Ja '64

1. Lucrare efectuata in laborul de helminologie din Institutul de
microbiologie, parazitologie si epidemiologie "Dr. I. Cantacuzino",
Bucuresti.

SORESCU, Angela, dr.; BANCUSCU, I., dr.

Research on the laboratory diagnosis of strongyloidiasis with
the Baermann method. Microbiologia (Bucur.) 9 no.3:261-265
My-Je '64

1. Lucrare efectuata la Catedra de parazitologie F.F.D.M.F.,
si in Sectia de helmintologie al Institutul de microbiologie,
parazitologie si epidemiologie "Dr. I. Cantacuzino", Bucuresti.

BRINARU, P., dr.; SORESCU, D., dr.

Considerations on a case of massive eosinophilia. Med. inter.,
Bucur 13 no.3;465-469 Mr '61.

1. Lucrare efectuata in Serviciul medical al Spitalului muncitoresc,
Pitesti. (LUNG DISEASES case reports) (EOSINOPHILIA case reports)

ACC NR: AY6029178

SOURCE CODE: RU/0003/66/017/002/0108/0109

AUTHOR: Gavrilă, E.; Braun, M.; Sorescu, E.

ORG: Regional Laboratory for the Control of Drugs, Craiova (Laboratorul regional de controlul medicamentelor)

TITLE: Contributions to the determination of anestezina

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 102-109

TOPIC TAGS: colorimetric analysis, chemical detection, titrimetry

ABSTRACT: The authors describe the determination of benzocaine by a colorimetric method involving the titration of the aminic component by means of titration with perchloric acid of the product dissolved in acetic acid, using crystal violet as indicator. Orig. art. has: 1 table. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 002

Card 1/1

SORESCO, Maria; NICOLAU, G.

Value of the Roulin test in the serodiagnosis of syphilis.
Arch. Roum. path. exp. microbiol. 22 no.1:205-210 Mr '63.

(SYPHILIS SERODIAGNOSIS)

SOREV, N.

"Untersuchung des Reibungskoeffizienten bei der Zerspanung von Metallen."

Report presented at the 10th Anniversary Celebration of The Institute of Technology, Karl-Marx-Stadt, East Germany, 8-12 Oct 63.

SORGER, L.

The textile industry in France. p. 48.

Periodical: TEKSTIL

Vol. 8, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

SOŠKOP, M.

SOŠKOP, M. Export and import agencies of productive corporations. p. 823.

Vol. 1, no. 8, Aug. 1955

TEKSTIL

Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 1 April 1956

SORGER, M.

New regulations on foreign exchange. p. 43

TEKSTIL, Zagreb, Vol 5, No. 1, Jan, 1956

SO: EEAL, Vol 5, No. 7, July, 1956

SORGER, F.

The new structure of our foreign trade. p. 355.
(Tekstil, Vol. 6, No. 4, Apr. 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EMAL) Lc, Vol. 6, No. 8, Aug 1957. Uncl.

SHANDOR, K., dispatcher; SORGOVSKIY, V.; STARODUBTSEV, I., doverennyy vrach
(g.Sumy); RAZUMNYI, A.; TRET'YACHENKO, B.

Contrasts in Sumy. Okhr. truda i sots. strakh. 3 no.7:58-59 J1
'60. (MIRA 13:8)

1. Reydovaya brigada. 2. Sumskiy remontno-stroitel'nyy trest
(for Shandor). 3. Tekhnicheskiy inspektor Sumskogo oblssovprofa
(for Sorgovskiy); 4. Korrespondent gazety "Leninskaya
pravda," g.Sumy (for Razumnyy). 5. Spetsial'nyy korrespondent zhurnala
"Okhrana truda i sotsial'noye strakhovaniye," g.Sumy (for tret'yachenko).
(Sumy--Industrial hygiene)
(Women--Employment)

L 39955-65 EWT(m)/EPF(c)/EWP(t)/EWP(b) Pr-4 IJP(c) JD
ACCESSION NR: AR5003534 S/0269/64/000/011/0025/0025

SOURCE: Ref. zh. Astronomiya. Otd. vyp., Abs. 11.51.200

AUTHOR: Sorgsepp, L.

TITLE: On resonant lines of two-photon emission

CITED SOURCE: Soobshoh. Tartusk. astron. observ., no. 7, 1963,
21-27

TOPIC TAGS: hydrogen atom, two photon emission, continuous spec-
trum, planetary nebula, resonant scattering

TRANSLATION: The article presents the text of a paper delivered by
the author at the plenum of the Commission on Physics of Stars and
Nebulas of the Astronomy council of the Academy of Sciences SSSR in
Byukrakan (1961). It is indicated that the continuous spectrum of
planetary nebulas can be possibly attributed to two-photon transi-

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L 39955-65

ACCESSION NR: AR5003534

tions, i.e., transitions from the metastable state 2S into the ground state 1S of the hydrogen atom, accompanied by emission of two photons and a continuous spectrum. The case is considered of a two-photon transition in which an L α quantum wandering in the nebula is broken up by means of the 2P \rightarrow 1S two-photon transition and resonance lines are also emitted besides the continuous spectrum. A mathematical analysis carried out for the $2P_{1/2}^1 \rightarrow 1S_{1/2}^0$ transition

in the hydrogen atom has shown that the resonant radiation is an ordinary cascade radiation; the absorption of the L α quantum and the subsequent radiation constitute a single resonant process, namely resonant scattering of the L α quantum. G. Popov.

SUB CODE: AA, NP

ENCL: 00

Card

2/2 JO

SORIAN, O.

The rentability of the soldering process in machinery construction. p. 67.
(METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 9, no. 3, Mar. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 12, Dec. 1957
Uncl.

SCRIAN, O.

Diesel-electric drives as a new concept in the construction of drilling installations. p. 193.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania; Vol. 11, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) IC Vol. 8, No. 9, ^{Sept.}1959

Uncl.

BABSKIY, Ye., akademik; SORIN, A., inzh.

Radio pills. Radio no. 8: 31-32 Ag '64.

(MIRA 17:11)

1. AN UkrSSR (for Babskiy).

BABSKIY, Ye., akademik; SCRIN, A., inzh.

Radio pills. Radio no. 8:31.32. Ag '65.

1. AN UkrSSR (for Babskiy).

(MIRA 18:7)

SORIN, A.M., inzhener.

Modernizing the ASP-type emergency radio transmitter. Sudostroenie
23 no.6:29-31 Je '57. (MLRA 10:7)
(Radio--Transmitters and transmission) (Radio in navigation)

BABSKIY, Ye. B., akademik; SORIN, A. M.; BELOUSOV, A. S.; MALKIMAN,
I. I.; NESTEROVA, A. P.

Radiotelemetric study of the pH in the digestive tract. Dokl.
AN SSSR 156 no. 1:222-224 My '64. (MIRA 17:5)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR i
TSentral'nyy institut usovershenstvovaniya vrachey. 2. AN
UkrSSSR (for Babskiy).

ACCESSION NR: AP4012882

S/0248/64/000/002/0071/0078

AUTHOR: Belousov, A. S. (Moscow); Malkiman, I. I. (Moscow); Sorin, A. M. (Leningrad)

TITLE: Radiotelemetric study of alimentary canal functions

SOURCE: AMN SSSR. Vestnik, no. 2, 1964, 71-78

TOPIC TAGS: radiotelemetry, digestive tract, alimentary canal, miniature transmitter, endoradiocapsule, barometry, thermometry, pH measurement.

ABSTRACT: Studies are described, conducted since 1961 by a team of Leningrad engineers in cooperation with the Institut normal'noy i patologicheskoy fiziologii AMN SSSR (Institute of Normal and Pathological Physiology), in which tiny radiotelemetric devices were developed and inserted in the alimentary canal to detect disorders. These devices are miniature cylindrical radio transmitters which consist of a pickup, a high frequency electromagnetic wave generator, and a power source. Via an antenna placed close to the patient and a radioreceiver, the waves are amplified and demodulated by a frequency discriminator so that the low-frequency component of the signal which is characteristic of the disorder is singled out. Endoradiocapsules have been produced for recording pH, pressure, and temperature in the stomach and intestines (overall dimensions: height - 18-20 mm, Card 1/2

ACCESSION NR: AP4012882

diameter - 8 mm, and weight - 2 g). The development of these devices and their clinical application in detecting cancer, colitis, etc. are surveyed at length. It is believed that the development of further types of these capsules with suitable pickups would extend the scope of their application to the measurement of enzymatic activity, Cl-ion concentration, ionizing radiation, O₂ and CO₂ partial pressure, the presence of blood, and other characteristics. Orig. art. has: 4 figures and 7 graphs.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 02Mar64

ENCL: 00

SUB CODE: AM

NO REF SOV: 000

OTHER: 000

Card 2/2

L 13637-65 EWG(j)/EWG(r)/EWT(1)/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pb-4/Pe-5/Pb-4
AMD/AFMDC/AFTC(b)/ESD(c) DD S/0020/64/158/004/0993/0996
ACCESSION NR: AP4047333

AUTHOR: Babskiy, Ye. B. (Academician AN UkrSSR); Sorin, A. M.
Belousov, A. S.; Dimanis, V. I.; Malkiman, I. I. B

TITLE: Radiotelemetric investigation of pressure in the human gastro-
intestinal tract

SOURCE: AN SSSR. Doklady*, v. 158, no. 4, 1964, 993-996

TOPIC TAGS: biotelemetry, radio capsule, gastrointestinal pressure,
bioinstrumentation

ABSTRACT: A radiotelemetric device for studying pressure along the
gastrointestinal tract is presented, consisting of a radio transmitter,
an endoradiosonde, and a receiver-analyzer with an antenna and a re-
cording instrument. The endoradiosonde for registering pressure con-
sists of an inductance pickup, a high-frequency generator, and a feed
source. The overall dimensions of this device are: 1) length,
18-20 mm; 2) diameter, 8 mm; 3) weight, 2.1 gm. The pressure pickup
consists of an inductance coil with two ferrite rings on end plates
and a mobile ferrite rod suspended by a spiral spring and attached to

Card 1/3

L 13637-65

ACCESSION NR: AP4047333

2

a hermetically sealed membrane which, in turn, is connected to the end plates of the capsule. During pressure fluctuations between 0 and 200 cm (water column), displacement of the ferrite rod does not exceed 0.5 mm. Some of the radiocapsules can measure pressure from -50 to +200 cm. The generator operates at a frequency of 2 mc. The feed source serves a miniature 1.35-v, mercury-oxide unit, with a capacitance which ensures continuous operation of the generator for 100 hr. The capsule is enclosed in a thin, hermetic shell and takes 1-2 days to pass through the human GI tract. The position of the capsule in the GI tract is determined by x-ray. The construction of the capsule is such that it can register pressure variations and duration of muscle contraction along the entire GI tract. Orig. art. has: 4 figures.

ASSOCIATION: Institut normal'noy i patologicheskoy fiziologii Akademii meditsinskikh nauk SSSR (Institute of Normal and Pathological Physiology, Academy of Medical Sciences, SSSR); Tsentral'nyy institut usovershenstvovaniya vrachey (Central Institute of Graduate Medicine)

Card 2/3

L 13637-65

ACCESSION NR: AP4047333

SUBMITTED: 28Apr64

ENCL: 00

SUB CODE: LS, EC

NO REF SOV: 000

OTHER: 004

ATD PRESS: 3130

0

Card 3/3

Author: BILIMAN, I.I. (Moscow); SOFIN, A.M. (Leningrad)

Radiotelemetric study of the functions of the alimentary tract.
Vest. AMN SSSR 19 no.2:71-78 '64.

(MIRA 18:1)

BABSKIY, Ye.B., akademik; SORIN, A.M.; BELOUSOV, A.S.; DIMANIS, V.I.;
MALKIMAN, I.I.

Radiotelemetric study of the pressure inside the human digestive tract. Dokl. AN SSSR 158 no.4:993-996 0 '64.

(MIRA 17:11)

1. Institut normal'noy i patologicheskoy fiziologii AN SSSR i
TSentral'nyy institut usovershenstvovaniya vrachey. 2. AN UkrSSR
(for Babskiy).

ACCESSION NR: AP4038532

S/0020/64/156/003/0719/0720

AUTHOR: Babskiy, Ye. B.; (Academician); Belousov, A. S.; Malkiman, I. I.;
Nesterova, A. P.; Sorin, A. S.

TITLE: Application of radiotelemetry for investigation of the evacuating function
of the stomach

SOURCE: AN SSSR. Doklady*, v. 156, no. 3, 1964, 719-720

TOPIC TAGS: radiotelemetry, stomach evacuation function, physiology, duodenum,
stomach ulcer

ABSTRACT: The authors have previously described (DAN 156, #1 (1964)) a method
for investigation of pH of the content of the stomach and intestines by a radio-
capsule. In the present paper, they compare the recording of pH of the duodenum
of healthy people with that of people with ulcers, taken both on empty stomach
and after a breakfast of bread. The pH content follows in time a different pattern
in healthy and in ill people. The method permits the investigation of the stomach
evacuation in people in a similar way as it is done in dogs with the fistula of
the duodenum. Orig. art. has: 2 figures.

Card 1/2

ACCESSION NR: AP4038532

ASSOCIATION: Institut normal'noy i patologicheskoy fiziologii Akademii
meditsinskikh nauk SSSR (Institute for Normal and Pathological Physiology).
Vtoraya terapevticheskaya Klinika Central'nogo instituta usovershenstvovaniya
vrechey (Second Therapeutic Clinic of the Central Institute for the Advancement of
Physicians)

SUBMITTED: 27Feb64

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: LS

NO REF SOV: 001

OTHER: 000

2/2

Card

BRAUNER, R., professor; SORIN, Eug., professor; ALTESCU, E., professor

Importance of pneumographical methods in clinical examination.
Rev. st. med., med. int., Bucur. 6 no.1:31-40 Jan-Mar 54.

1. Clinica de Semiologie IMF Bucuresti si Institutul de Expertiza
a capacitatii muncii din Ministerul Prevederilor Sociale.

- (RESPIRATION, function tests
pneumography, method & value)
- (ASTHMA, diagnosis
pneumography)
- (BRONCHITIS, diagnosis
pneumography)
- (EMPHYSEMA, PULMONARY, diagnosis
pneumography)

SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.;
MOLHO, M., dr.

Non-hemorrhagic complications of heparin therapy. Med.
int., Bucur. 3 no.7:1064-1066 Nov 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc"
director: prof. R. Brauner.

(HEPARIN, inj. eff.

non-hemorrh. disord. caused by heparin ther.)

(FEVER, etiol. & pathogen.

heparin ther. causing chills & fever)

(SKIN DISEASES

rash, urticaria, pruritus & other disord. caused by
heparin admin.)

(ALLERGY, etiology & pathogenesis
heparin)

BRAUNER, R., Prof.; SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.;
PRODESCU, V., dr.

Heparin therapy of cardiovascular diseases. Med. int., Bucur.
8 no.3:380-385 July 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc."
(HEPARIN, ther. use
angina pectoris, myocardial infarct & peripheral vasc.
dis.)
(ANGINA PECTORIS, ther.
heparin)
(MYOCARDIAL INFARCT. ther.
heparin)
(VASCULAR DISEASES, PERIPHERAL, ther.
heparin)

BRAUNER, R., Prof.; GRIGORESCU, D., dr.; SORIN, E., dr.; RUSETEANU, S., dr.;
PANDELESCU, L., dr.

Hypertrophic pulmonary osteopathy. Med. int., Bucur. 9 no.1:
131-137 Jan 57.

(OSTEOARTHROPATHY, HYPERTROPHIC PULMONARY, case reports
Marie's dis.)

BRAUNER, R.; SORIN, E.

The syndrome of total ischemia (visceral and peripheral ischemia).
Med. int., Bucur. 9 no.9:1361-1371 Sept 57.

1. Clinica medicala a Spitalului "Brincovenesc".
(CARDIOVASCULAR DISEASES, case reports
visceral & peripheral ischemia)

BRAUNER, R.; SORIN, E.; CONSTANTINESCU, A.

Serum transaminase activity in peripheral ischemic syndromes. *Med. int.*,
Bucur. 10 no.1:85-92 Jan 58.

(VASCULAR DISEASES, PERIPHERAL, blood in
.transaminase, in ischemic synd.)
(TRANSAMINASES, in blood
in ischemic peripheral vasc. disord.)

BRAUNER, R.; SORIN, E.; DEMAYO, A.; BUCUR, N.; BASARAB, A.

Studies of heparin intradermoreaction. Med. int., Bucur. 10 no.4:
547-554 Apr 58.

1. Clinica medicala a Spitalului "Brincovenesc"

(HEPARIN

sensitivity & intolerance of histamine type, intradermoreactions
during & after heparin ther.)

(SKIN

reaction to heparin, alone & with histamine, intradermoreactions
during & after heparin ther.)

PAUNESCU, C., conf.; SEROPIAN, E., dr.; COMOROSAN, S., dr.; OANCEA, R., dr.;
SORIN, E., dr.; SAFIRESCU, Gh., dr.; PANAITESCU, Gh., dr.; SOINU, I., dr.;
GRECEANU, I., dr.; CIRJIL, M., chim.

Clinical and biochemical aspects of atherosclerosis in young persons.
Med. intern. 14 no.8:937-944 Ag '62.
(ARTERIOSCLEROSIS) (HYPERCHOLESTEREMIA)
(LIPOPROTEINS)

SORIN, L. A.

SORIN, L. A. -- "Certain Questions of Cosmology." Sub 25 Sep 52, Moscow Order of Lenin State U imeni M. V. Lomonosov. (Dissertation for the Degree of Candidate in Physicomathematical Sciences).

SO: Vechernaya Moskva January-December 1952

ACC NR: AP7004400

SOURCE CODE: UR/0226/67/000/001/0070/0072

AUTHOR: Vlasova, M. V.; Sorin, L. A.; Shcherbina, V. I.

ORG: Institute for the Study of Materials, AN UkrSSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: Study of rare earth metal hexaborides by the electron paramagnetic method

SOURCE: Poroshkovaya metallurgiya, no. 1, 1967, 70-72

TOPIC TAGS: gadolinium, europium, ~~gadolinium~~ hexaboride, ~~europium~~ rare earth, hexaboride, paramagnetic absorption, skin effect, electron paramagnetic resonance, ~~hexaboride~~, magnetic ordering, *metal physical property*

ABSTRACT: A study was made of the physical properties of gadolinium and europium hexaborides (GdB_6 and EuB_6) by observing their electron paramagnetic resonance at 300 and 77K, and plotting their paramagnetic absorption curves at these temperatures. It was found that at 300K the line widths (in oersteds) and the spectroscopic splitting factor (g) were 460 oe and $g = 2.01$ for GdB_6 , and 940 oe and $g = 1.98$ for EuB_6 . At 70K these values were 520 oe and $g = 2.03$ for GdB_6 .

Card 1/2

SORIN, M.

Mersoles and Mersolates (Trade Names for Algyl Sulfonates). Revista De Chimie
(Journal of Chemistry), #2:28:Feb 55

Smith, W.,

Causes of varicella in the thickness of fibrous bands and the ways
of remedying them. *Journal of the American Medical Association*, 1914, 63:337-344. S. 164.

15(9)

R/003/60/011/03/004/026
D0016/D3001

AUTHOR: Sorin, Maria, Engineer

TITLE: Sulfochlorinated Polyethylene¹⁵

PERIODICAL: Revista de Chimie, 1960, Vol 11, Nr 3, pp 148-151

ABSTRACT: The author describes the properties of sulfochlorinated polyethylene, a type of synthetic rubber, used for various industrial products, such as spark plug jackets and other automobile parts, ozone generating equipment, varnishes, etc. Sulfochlorinated polyethylene in quantities ranging from 20-50% can be mixed with other elastomers, such as natural rubber, "GR-S", butyl rubber, nitrile and neoprene for the purpose of producing various industrial articles. The author also gives a detailed description of the sulfochlorinated polyethylene production process. Tests were carried out to produce sulfochlorinated products also from medium and low-pressure polyethylene. These products showed a greater resistance to various chemical agents.

Card 1/2

BODRYASHKIN, A.N., inzhener.; VORONIN, P.T., inzhener; SORIN, M.F.,
inzhener.

Instruments for checking extruded connectors. Elek.sta. 27 no.4:
60 Ap '56. (MLRA 9:8)

(Electric instruments)

SHTEFAN, I.D., inzh.; SORIN, M.S., inzh.

Transporting men, rocks, and material in sinking inclined shafts.
Shakht. stroi. 7 no.4:9-10 Ap '63. (MIRA 16:3)

1. Krivorezbskiy filial Ukrainskogo nauchno-issledovatel'skogo in-
stituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva.

YES'KOV, Anatoliy Semenovich; MAKSIMCHUK, Aleksey Arssent'yevich;
KAZAKEVICH, Eduard Veniaminovich; SOTSKIY, Ananly
Rodionovich; TREGUBOV, Vitaliy Anatol'yevich; SORIN,
Mikhail Samoylovich; FEMKOV, S.A., prof., doktor tekhn.
nauk, retsenzent

[Short handbook on shaft deepening] Kratkii spravochnik po
uglubke stvolov shakht. Moskva, Nedra, 1965. 175 p.
(MIRA 18:8)

SORIN, M.V.

Epidemic hepatitis at the rural school. Turudy LSGMI 28:68-80 '56.
(MLRA 10:5)

(HEPATITIS, INFECTIOUS, epidemiology,
in Russia, epidemic in rural school (Rus))

SORIN, M.V.

Data on the epidemiology of epidemic hepatitis (Botkin's disease)
in rural areas during 1951-54. Trudy LSGMI 28:81-87 '56.

(MIRA 10:5)

(HEPATITIS, INFECTIOUS, epidemiology,
in Russia, in rural areas (Rus))

SORIN, M.V.

Preventive and antiepidemiological measures in epidemic hepatitis. Trudy LSGMI 32:244-253 '57. (MIRA 12:8)

1. Kafedra epidemiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof.V.A.Bashenin).
(HEPATITIS, INFECTIOUS, prev. & control
in Russia (Rus))

SORIN, M.V.; VOYTIAROVSKAYA, Ye.P.; FEMOYEV, P.I.; POZIN, Z.S.

Routine and conclusive disinfection in certain intestinal and droplet infections with small doses of disinfectants. Trudy LSGMI 32:304-314 '57. (MIRA 12:8)

1. Kafedra epidemiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof.V.A.Bashenin). i Leningradskaya gorodskaya dezinfektsionaya stantsiya (glavnyy vrach - V.V.Yeframov).

(ANTISEPSIS AND ASEPSIS

disinfect. in rooms with chloramine solution (Rus))

(CHLORAMINES

solution in room disinfect. (Rus))

SORIN, Mikhail Vladimirovich; KRICHINSKAYA, Ye. B., red.; SHEVCHENKO,
~~F. Ye., tekhn. red.~~

[Prevention of infectious diseases] Profilaktika zaraznykh
boleznei. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr.
otd-nie, 1959. 59 p.

(MIRA 14:5)

(COMMUNICABLE DISEASES--PREVENTION)

SORIN, N.A., inzh.

Electric system of the VL23 electric locomotive. Elek. i topl.
tiagn 3 no.1:34-38 Ja '59. (MIRA 12:2)
(Electric locomotives--Electric equipment)

SORIN, N.A., inzh.

Basic design characteristics, technical data, and ventilation
system of the N60 electric locomotive. Elek. i topl. tiaga 3 no.6:
31-34 Ja '59. (MIRA 12:9)
(Electric locomotives)

SORIN, N.A., inzh.

Electric circuit of the VL23 electric locomotive. Elek.1 topl.
tiaga 3 no.9:28-33 S '59. (MIRA 13:2)
(Electric locomotives)

SORIN, N.A., inzh.; POPOV, V.I., inzh.

D.C. locomotives. Vest. elektroprom. 32 no.5:17-20 My '61.
(MIRA 15:5)

(Electric locomotives)

SORIN, Naum Abramovich; BYSTRITSKIY, Kh.Ya., inzh., retsenzent;
SHIRYEV, A.P., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Electric circuits of the N60 electric locomotive] Elektricheskie skhemy elektrovoza N60. Moskva, Transzheldorizdat, 1962. 41 p.
(MIRA 15:6)

(Electric locomotives)

BONDARENKO, N.A., inzh.; RATNER, A.M., inzh.; SOKOLOV, K.A., inzh.; GUBANOV,
N.P., inzh.; SORIN, N.M., inzh.; TARAKANOV, G.P., inzh.; IVANOV,
S.M., inzh.; NIRK, A.D., inzh.; ROVKAKH, S.Ye., kand.tekhn.nauk;
FILIPPOV, V.V., inzh.; KHAYKIS, L.B., kand.tekhn.nauk; LEBEDEV, V.I.,
inzh.; VSLICHKIN, Ye.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Handbook for machinery operators of construction areas] Spravochnik
mekhanika stroitel'nogo uchastka. Moskva, Vses.izdatel'sko-poligr.
ob"edinenie M-va putei soobshchenia, 1960. 619 p.

(MIRA 14:1)

(Building machinery--Maintenance and repair)

Stoinescu
RADU, Stoinescu, Dr.; SORIN, Schiau, R..

Juxta-cardial gastric diverticula. Med. int., Bucur. 9 no.7:1060-1069
July 57.

1. Institutul de fiziologie normala si patologica al Academiei R.P.R.
(STOMACH, diverticula
juxta-cardial, manifest., diag. & ther.)

KRAT, V.A.; SULTANOV, F.; SORIN, S.I.

Work of the expedition for the investigation of the astro-climate of Azerbaijan and selection of a site for construction of the Shemakha Astrophysical Observatory. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekhn. nauk no.3:151-160 '60. (MIRA 13:11)

(Shemakha--Astronomical observatories)

SORIN, T.

"Some technical and organizational problems in inorganic chemistry." II

p. 141 (Revista De Chimie) Vol. 7, no. 3, Mar. 1956
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SORIN, T.

The new carbide factory at the Timnaveni Chemical Plant.
Rev chimie Min petr 16 no.1:1-3 Ja '65.

1

RUMANIA/Chemical Technology. Chemical Products and Their Application. H-1
General.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 4914.

Author : Scrin, Th.

Inst :

Title : Questions Discussed at the International Congress of Industrial
Chemistry at Athens (September 17 to 24, 1957).

Orig Pub: Rev. chim., 1958, 9, No 1, 46-47.

Abstract: No abstract.

Card : 1/1

L 31950-66

SOURCE CODE: RU/0003/65/016/001/0001/0003

ACQ NR: A18021272

AUTHOR: Sorin, T.--Sorin, T. Kh.

ORG: none

TITLE: New carbide factory at the Tirnaveni Chemical Combine

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 1-3

TOPIC TAGS: furnace, carbide

ABSTRACT: The author describes the new unit, especially the new Furnace No. 4, delivered by the West German firm A.E.G. The new furnace, with a nominal power of 40,000 kilovolt-amperes, provides better technical-economic characteristics than the older furnaces of the factory even though it has only been in operation for a year; the specific investment for Furnace No 4 is 59 percent of that for the older furnaces and the cost price of the product 83 percent. Production is 9.5 tons per hour and specific consumption of technological power less than 3,000 kilowatt-hours per ton. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 13, 07 / SUEM DATE: none

Card 1/1 JS

SORIN, V. A.

"The Structure of the Root System of the Siberian Fir *Abies Sibirica* Led and the Common Fir *Picea Excelsa* Link," *Botan. Zhur.*, 33, No. 1, 1948. Mbr., State Inst. Timber Transportation, Leningrad, -1948-.

§SORIN, V.A.

Root system of the pine in Transbaikalia (Buryat A.S.S.R.).
Izv.Sib.otd.AN SSSR no.12:101-117 '59. (MIRA 13:5)
(Transbaikalia--Pine) (Roots (Botany))

L 37684-66 EWT(d)/FSS-2 GD

SOURCE CODE: UR/0000/66/000/000/0012/0018

ACC NR: AT6022317

AUTHOR: Sorin, V. Ya.

73

811

ORG: none

TITLE: Noise rejection in AM and PCM picture-transmission systems

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya televideniya. Moscow, 1966, 12-18

TOPIC TAGS: signal noise separation, amplitude modulation, pulse code modulation, facsimile transmission, television, signal to noise ratio, white noise

ABSTRACT: Transmission of pictures (tv, facsimile) over a constant-parameter channel with an additive normal white noise is theoretically considered. The minimum required energy is proportional to a minimum signal-to-noise ratio at the receiver input which still ensures the specified fidelity of reproduction. The error weight is regarded as proportional to the square of deviation of the brightness of a received picture element from the brightness of the same element with noise absent. Conclusions: (1) The above error-weight criterion can almost single-valuedly determine the probability of recognition of the pictures transmitted over a noisy channel whatever the system — AM or PCM — is used, provided the receiver-input signal-to-noise ratio is lower than 12—15; (2) The above criterion permits comparing the actual noise rejections in the AM and PCM systems of picture transmission; (3) The PCM system is expedient only in the cases when high quality picture is expected in a system with limited transmitter power. Orig. art. has: 3 figures and 3 formulas. [03]

Card 1/1

SUB CODE: 17,09/SUBM DATE: 24Mar66

SORIN, YA.

27-6-11/29

AUTHOR: Sorin, Ya.

TITLE: A Story of New Technics: Transistors and Their Application in Industry (Rasskaz o novoy tekhnike - poluprovodniki i ikh primeneniye v promyshlennosti)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, Nr. 6(145), pp 15-17 (USSR)

ABSTRACT: The author states that long before the term "semiconductor device" was known, Soviet industry used selenium and copper oxide rectifiers. These are still extensively used in the electroplating workshops. He refers to an article of V. Blinderman in Nr 8/1956 of this periodical dealing with the automatic control of machine tools by means of electronic computing machines and a system of industrial television. The author maintains that the introduction of transistors in electronic automation apparatuses and in industrial television will considerably increase the industrial application of these devices. Transistors are more durable, much smaller in size, considerably cheaper and more economical than vacuum tubes. He points out that these devices may be used to convert solar

Card 1/3

27-6-11/29

A Story of New Technics: Transistors and Their Application in Industry.

energy into electrical energy and the latter into heat and cold, and to perform various functions in automatic and telemechanic equipment. The photo on page 16 compares two widely used radio tubes "6N3C" and "6X1A" with transistors replacing them, which are now in production by the Soviet industry. "6N3C" is an output tube (tetrode), "6X1A" is a high frequency pentode. The author mentions the academicians A.F. Ioffe, I.V. Kurchatov, B.M. Vul and P.P. Kobeko, who with many others developed this new branch of electronics, and engineer V.O. Losev, who applied first transistors in his "crystadyne" transformer and electrical oscillation amplifier. Instead of a radio tube he used a zincite crystal as a semiconductor. This invention played an important role during WWII military operations. Deficiencies in these devices (temperature dependence, high degree of noise, etc) will soon be eliminated. The author speaks of semiconductor-thermoelements and states that in the near future refrigerators built with such parts will be widely applied in industry and daily life. He also mentions thermistors, their construction and principle of functioning. A measuring thermistor and one with indirect heating are shown

Card 2/3

Sorin Ya

107-9-17/53

AUTHOR: Sorin, Ya.

TITLE: The propagation of New Technics (Propaganda novoy tekhniki)

PERIODICAL: Radio, 1957, # 9, p 27 (USSR)

ABSTRACT: This article deals with the development of semiconductor application and with the importance of introducing it into the national economy.

However, the semiconductor instruments are not yet sufficiently applied in the different fields of sciences and engineering because of lack of knowledge and due to physical problems connected with the theory and practice of such instruments. There are no suitable books about semiconductor engineering.

The Office of Semiconductor Instruments and the Miniature Parts Section of the Scientific-Technical Association of Radio-Engineering and Electric Communications imeni A.S. Popov organized two courses on semiconductors in 1956 and 1957 with a wider program. The organization of a third special course is planned for autumn 1957.

Furthermore, the author insists that the popular film about the semiconductor application, planned by the Leningrad Motion Picture Studio for 1957, be completed as soon as possible.

AVAILABLE: Library of Congress
Card 1/1

p. 2
AUTHOR: Gaplichuk, O.M., Engineer

TITLE: Conference to Commemorate the Founding of the V.I. Lenin Radio Laboratory in Nizhriy Novgorod (Konferentsiya posvyashchennaya paryati nizhegorodskoy radiolaboratorii imeni V.I.Lenina)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Radiotekhnika, 1958, Nr 4, pp 521-524 (USSR)

ABSTRACT:

On May 22, 1958, a conference began in Gor'kiy to mark the 40 years anniversary of the founding of the V.I. Lenin Laboratory in Nizhriy Novgorod. Participants, who numbered over 400, included V.A.Volkova, Secretary of the Party Gorkom in Kalinin, and V.Ye.Skvortsov, Area Chairman for Communications in Kalinin. Speakers such as V.M.Leshchinskiy spoke on developments in Soviet radio engineering, and particularly on the radio laboratory in Nizhriy Novgorod. L.A.Kopytin spoke on "The development of radio-engineering, radio and television"; Professors B.A.Ostroumov and A.A.

Card 1/3

SOV/142-58-4-30/30

Conference to Commemorate the Founding of the V.I. Lenin Radio
Laboratory in Nizhny Novgorod

40th Anniversary of the October Revolution". Participants thanked the directors of the Gor'kiy A.S. Popov Association for Radio-Engineering and Electro-Communications for having organized the conference so excellently. There are 3 photographs.

SUBMITTED: May 30, 1958

Card 3/3

ACC NR: AN7003522

SOURCE CODE: UR/9003/67/000/028/0003/0003

AUTHOR: Sorin, Ya. (Engineer)

ORG: none

TITLE: Research in introscopy

SOURCE: Izvestiya, no. 28, 2 Feb 67, p. 3, cols, 3-7

TOPIC TAGS: introscopy, scientific research

ABSTRACT:

The author urges the use of introscopy, especially in semiconductor technology. He points out that while modern defectoscopy is used on a large scale, it does not characterize fully the defects that it uncovers. Pointing out that in practice introscopy is not yet used sufficiently, he describes its merits and suggests expanding the activity of the All Union Scientific-Research Institute of Introscopy.

SUB CODE: 09/ SUBM DATE: none/ ATD PRESS: 5113

Card 1/1

UDC: none

A Cosmic Retranslator - A Voyage into the Future

4-58-6-7/37

studying theoretical and practical questions connected with the launching of such a Sputnik.
There is 1 sketch.

1. Moon--Television reflection
2. Moon--Reflective effects
3. Television equipment--Satellite mounted--Theory
4. Satellite vehicles--Applications--Theory
5. Television relay systems--Theory

Card 2/2

SORIN, Ya.

Patriot, scientist, public worker. NTO 5 no.11:43-45 N '63. (MJRA 16:12)

1. Predsedatel' obshchestvennogo komiteta Vsesoyuznogo soveta nauchno-
tekhnicheskikh obshchestv po nadezhnosti i kontrolyu kachestva.

SORIN, Ya. M.

AUTHOR: None Given SOV/108-13-8-11/12

TITLE: [Transactions of the] Conference on the Occasion of the 40th Anniversary of the Nizhniy-Novgorod Radio Laboratory imeni V.I. Lenin (Konferentsiya, posvyashchennaya sorokaletiyu Nizhegorodskoy radiolaboratorii imeni V.I. Lenina)

PERIODICAL: Radiotekhnika, 1958, Vol. 13, Nr 8, pp. 71-79 (USSR)

ABSTRACT: From May 22-24, a conference took place at Gorkiy which had been organized by the Gor'kiy Branch of the Scientific and Technical Society for Radio Engineering and Electric Telecommunication Service imeni A. S. Popov. The conference was attended by: B. A. Ostroumov, A. M. Kugushev, A. A. Pistol'kors, N. A. Nikitin, G. A. Ostroumov, V. P. Yakovlev, V. K. Ge, N. N. Pal'mov, F. A. Lbov, A. S. Nikolayenko, I. P. Koterov, S. I. Morugina, Ye. S. Sorokin et al. as well as by a group of former collaborators of the Tver' radiostation. A. M. Kugushev spoke about "The Nizhniy-Novgorod Radio Laboratory imeni V. I. Lenin, L. A. Kopytin on the development of the technique in radio engineering, the establishment of radio communication facilities and television apparatus. A. I. Shokin spoke about the development of the Soviet radio-engineering industry during the past 40

Card ~~1/4~~
1/2

[Transactions of the] Conference on the Occasion of the SOV/108-13-8-11/12
40th Anniversary of the Nizhny-Novgorod Radio Laboratory imeni V. I.
Lenin

years. Ya. M. Sorin spoke about "The Way From the Oscillating Crystal Receiver to the Transistor". B. L. Lebedev gave a survey of the work in the field of radio measuring technique. L. L. Myasnikov spoke about the work of the scientists of Gor'kiy in the field of radiophysics. The scientific work in the "Scientific Research Institute of Radiophysics" re-organized in 1956. (NIRFI) concentrates on three main lines of development: radio astronomy, electronics, statistical radiophysics and radio spectroscopy. In October 1958 a conference on statistical radiophysics will be convened in Gor'kiy.- A. N. Malakhov spoke about the work of the radio-astronomical expedition of the NIRFI to Southern China. It was a Chinese-Soviet expedition in which also professors and collaborators of the Peking (Pekin) and Canton (Kantø) universities as well as of the Institute of Radio-Engineering and Electronics of the Academy of Sciences of China took part. Ya. N. Nikolayev spoke about "The Gor'kiy School of the Theory of Oscillations". D. V. Ageyev spoke about the theme "Subjects Investigated by the Scientific Collaborators of the Faculty of Radio Engineering of the Gor'kiy Polytechnical Institute". Ye. A. Popova-K'yandskaya spoke about the work carried out by A. S. Popov at Nizhny-Novgorod.

Card 2/4

2/1-

SORIN, Yakov Mikhaylovich; ZABELLO, S.S., inzh., nauchnyy red.; DEMINA,
G.A., red.; PERSON, M.N., tekhn.red.

[Radio electronics in technology] Radioelektronika v tekhnike.
Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959.
93 p. (MIRA 12:10)
(Radio) (Electronic apparatus and appliances)

SORIN, Ya.

Increasing the reliability of radio equipment. NTO no.2:54-
55 F '59. (MIRA 12:2)

1. Predsedatel' seksii nadezhnosti Nauchno-tekhnicheskogo
obshchestva radiotekhniki i elektrosvyazi im. A.S.Popova.
(Radio--Apparatus and supplies)

24(0) 0(0)

SOV/119-50-3-2/15

AUTHOR: Sorin, Ya. M., Engineer

TITLE: In Commemoration of the Hundredth Birthday of A. S. Popov
(K stoletiyu so dnya rozhdeniya A. S. Popova)

PERIODICAL: Priborostroyeniye, 1959. Nr 3. pp 3-6 (USSR)

ABSTRACT: On March 16, 1959 falls the hundredth birthday of the great Russian scientist Aleksandr Stepanovich Popov, the inventor of the radio. He was an unpretentious teacher of physics at the Officer's Mine Warfare School at Kronshtadt who was interested in the electromagnetic waves discovered by Hertz. Popov not only repeated the experiments made by Hertz, but also used electromagnetic waves for wireless transmission of news. As early as 1889, that is one year after Hertz's experiments, he closely investigated the electromagnetic waves, and also held lectures on them. In 1894 he developed a reliably operating generator of electromagnetic waves. He did, however, not succeed in solving the problem of receiving such oscillations. On May 27, 1895 on the occasion of a meeting of the Russian Society of Physics and Chemistry he held a lecture on "The Reaction of Metal Powders to Electric Oscillations", and he demonstrated an apparatus designed by him for the

Card 1/3

In Commemoration of the Hundredth Birthday of A.S. Popov SOV/112-59-3-2/15

reception of lightning. Popov then advanced considerations concerning the possibility of adapting this device to the transmission of signals across large distances. On March 24, 1896 Popov was, during a meeting of the Russian Society of Physics and Chemistry for the first time able to transmit a signal across a distance of 250 m. As on March 24, 1896 the same circuit was used as on May 7, 1895 the second date is considered the day of the invention of wireless transmission. According to a decree of the Soviet Government this day is celebrated every year as the "Day of the Radio". In 1897 Popov made several attempts to transmit signals across larger distances, which resulted in the establishment of a wireless communication between the cruiser "Afrika" and the training ship "Yevropa" across a distance of 5 km. In the course of these experiments Popov also found that the wireless communication was interrupted if a third ship passed between the two others. As early as 1900 he succeeded in establishing a wireless communication between the island of Gogland and the town of Kotka which resulted in setting afloat again the armoured ship "General-Admiral Apraksin", which had run aground on the reefs of the Norwegian coast, and in the rescue of 27 fishermen. Admiral S. O. Makarov (at that time commander-in-chief

Card 2/3

In Commemoration of the Hundredth Birthday of A.S. Popov SOV/119-59-3-2/15

of the port of Kronshtadt, who was killed in action at Fort Arthur in 1904) recognized the importance of Popov's work and encouraged him greatly. The author then reports on the rejection of Marconi's claim to priority on the basis of the actual priority of Popov's work, however, he acknowledges the merit of Marconi in developing and introducing the radio. This is explained by the monetary resources available to Marconi. A. S. Popov was the first to use an aerial, and his is also the priority of substituting a detector for the coherer. A.S. Popov was born as the son of a clergyman at Tur'inskiye Rudniki on March 16, 1859. He was given a secondary school education in the ecclesiastical seminar in Perm'. In 1877 he entered the Department of Physics and Mathematics of Peterburg University. In 1883 Popov was appointed laboratory assistant and instructor at the Officers' Mine Warfare Course at Kronshtadt, and in 1901 he was appointed Head of the Institute of Physics of the Peterburg Institute of Electrical Engineering. He died on December 31, 1905. There are 4 figures and 3 Soviet references.

Card 3/3

SORIN, Ya.

Great Russian scientist and his invention. Grazhd.av. 16 no.3:27-29
Mr '59. (MIRA 12:4)

1. Uchenyy sekretar' Orgkomiteta AN SSSR po provedeniyu yubileya
A.S. Popova.
(Popov, Aleksandr Stepanovich, 1859-1906) (Electronics)

SORIN, Ya., inzh.

Dependability of parts is the basic index of their quality.
NTO 2 no.4:40-42 Ap '60. (MIRA 13:6)

1. Ispolnyayushchiy obyazannosti predsedatelya Komiteta
Vsesoyuznogo soveta nauchno-tekhnicheskikh obshchestv po nadezh-
nosti i kontrolyu kachestv.
(Quality control)

SORIN, Ya., inzhener

Reliability of manufactured objects is the basic index of their
quality. NTO 2 no.5:7-9 My '60. (MIRA 14:5)

1. Ispolnyayushchiy obyazannosti predsedatelya Komiteta po nadezhnosti
i kontrolyu kachestva. (Manufactures)

SORIN, Ya.

Reliability of manufactured articles is an important problem.
Prof.-tekh.obr. 17 no.5:20-21 My '60. (MIRA 13:7)
(Quality control)

SORIN, Yakov Mikhaylovich; LEBEDEV, A.V., red.; SHIROKOVA, M.M.,
tekhn. red.

[Reliability of radio equipment] Nadezhnost' radioelektronnoi
apparatury. Moskva, Gos. energ. izd-vo, 1961. 71 p. (Massovaia
radiobiblioteka, no.406) (MIRA 14:12)
(Radio—Equipment and supplies)

SORIN, Ya., inzh.

Problem of microminiaturization. Prof.-tekh.obr. 18 no.7:20-
21 J1 '61. (MIRA 14:7)

(Miniature electronic equipment)

SORIN, Ya., inzh.

Office for the improvement of reliability. NTO 4 no.1:13-16 Ja
'62. (MIRA 15:1)

1. Predsedatel' Komiteta Vsesoyuznogo soveta nauchno-tekhnicheskikh
obshchestv po nadezhnosti i kontrolyu kachestva.
(Quality control)